TEANSMITTAL LETTER (General - Patent Pending) In Re Application Of: Enroth et al. Serial No. Filing Date Examiner Smith, Sean Prentiss 3729 Title: WAVE SOLDER APPLICATION FOR BALL GRID ARRAY MODULES TO THE ASSISTANT COMMISSIONER FOR PATENTS: Transmitted herewith is: Species Election and Supplementary Amendment RECEIVED JAN 2 2 2003 GROUP 3600 in the above identified application. No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment. Charge any additional fee required.	O. C. Or			372
Serial No. Filing Date Examiner Group Art Unit 09/777,976 2/6/01 Smith, Sean Prentiss 3729 Title: WAVE SOLDER APPLICATION FOR BALL GRID ARRAY MODULES To the Assistant commissioner for Patents: Transmitted herewith is: Species Election and Supplementary Amendment RECEIVED JAN 2 2 2003 GROUP 3600 In the above identified application. GROUP 3600 No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment.	JAN 2 1 2003			
Title: WAVE SOLDER APPLICATION FOR BALL GRID ARRAY MODULES TO THE ASSISTANT COMMISSIONER FOR PATENTS: Transmitted herewith is: Species Election and Supplementary Amendment RECEIVED JAN 2 2 2003 GROUP 3600 In the above identified application. No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment.	In Re Application Of:	Enroth et al.		
Transmitted herewith is: Species Election and Supplementary Amendment RECEIVED JAN 2 2 2003 GROUP 3600 In the above identified application. No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment.				
Transmitted herewith is: Species Election and Supplementary Amendment RECEIVED JAN 2 2 2003 GROUP 3600 In the above identified application. No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment.	Title: WAVE SOLDI	ER APPLICATION FOR BALL GR	ID ARRAY MODULES	
Transmitted herewith is: Species Election and Supplementary Amendment RECEIVED JAN 2 2 2003 GROUP 3600 In the above identified application. No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment.				
Species Election and Supplementary Amendment RECEIVED JAN 2 2 2003 GROUP 3600 No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment.		TO THE ASSISTANT COM	IMISSIONER FOR PATENTS:	
In the above identified application. GROUP 3600 No additional fee is required. A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. Charge the amount of Credit any overpayment.	Transmitted herewith is	s:		
in the above identified application. ☐ No additional fee is required. ☐ A check in the amount of is attached. ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. ☐ Charge the amount of ☐ Credit any overpayment.	Species Election and Supplementary Amendment			
No additional fee is required. ☐ A check in the amount of is attached. ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. ☐ Charge the amount of ☐ Credit any overpayment.				JAN 2 2 2003
 □ A check in the amount of is attached. ☑ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457(IBM) as described below. A duplicate copy of this sheet is enclosed. □ Charge the amount of ☑ Credit any overpayment. 	in the above identified application.			GROUP 360 0
	☐ A check in the a ☐ The Assistant C ☐ as described be ☐ Charge ☐ Credit a	amount of is attached is attached is attached is attached is below. A duplicate copy of this sheet the amount of any overpayment.	to charge and credit Deposit Acc	count No. 09-0457(IBM)

Dated: 1/14/2003

Jack P. Friedman Reg. No. 44,688 Schmeiser, Olsen & Watts 3 Lear Jet Lane, Suite 201 Latham, NY 12110 (518) 220-1850

Jack P. Friedman Signature

I certify that this document and fee is being deposited on 1/14/2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the

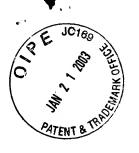
Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Kim Dwileski

Typed or Printed Name of Person Mailing Correspondence

CC:





Docket No. EN9-98-072US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Enroth et al.

Group Art Unit: 3729

Filed: 2/6/01

Examiner: Smith, Sean Prentiss

Serial No.: 09/777,976 \

 α

atte: WAVE SOLDER APPLICATION FOR BALL GRID ARRAY MODULES

Commissioner for Patents Washington D.C. 20231

Sir:

RECEIVED
JAN 2 2 2003
GROUP 3500

SPECIES ELECTION AND SUPPLEMENTARY AMENDMENT

This paper is being filed in response to the Restriction mailed December 31, 2002, and includes a Supplementary Amendment.

RESPONSE TO RESTRICTION WITH SPECIES ELECTION

In response to the species restriction requirement, Applicants hereby provisionally elect the species as follows, with traverse:

Species Category

Elect

SOLDERING PROCESS

Species II: claim 3-6 and 9 (wave soldering)

TYPE OF COMPONENT

Species B: claims 8 and 10 (PIH component)

It is respectfully submitted that the search and examination of the species of the entire